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(54) Title: PARICALCITOL AS A CHEMOTHERAPEUTIC AGENT

(57) Abstract: The invention provides methods of reducing the severity of a proliferative disorder. One method involves administering to an individual having the proliferative disorder an effective amount of paricalcitol, wherein the paricalcitol reduces cellular proliferation, with the proviso that the cancer is not prostate cancer or head and neck squamous cell carcinoma. Another method of reducing the severity of a proliferative disorder provided by the invention involves administering to an individual having the proliferative disorder an effective amount of paricalcitol and an anti- cancer agent, wherein the combination of paricalcitol and the anti-cancer agent reduces cell proliferation, with the proviso that the proliferative disorder is not prostate cancer or head and neck squamous cell carcinoma.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US04/00754

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61K 31/59  
US CL : 514/167

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 514/167

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WEST

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	6,624,138 B (SUNG et al.) 23 September 2003 (23.09.2003), see the entire document.	1-60

Further documents are listed in the continuation of Box C.

See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed		

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